Project Title	Funding	Strategic Plan Objective	Institution
Utility of social robots for promoting joint attention in infants and toddlers with disabilities	$0	Q4.Other	Orelena Hawks Puckett Institute
Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD)	$137,090	Q1.S.B	University of North Carolina
Understanding copy number variants associated with autism	$250,000	Q4.S.B	Duke University Medical Center
Toddlers and Families Together: Addressing Early Core Features of Autism	$282,449	Q5.L.B	University of North Carolina at Chapel Hill
The striatal circuitry underlying autistic-like behaviors	$31,975	Q2.Other	Duke University
The Role of Shank3 in Neocortex Versus Striatum and the Pathophysiology of Autism	$25,000	Q2.S.G	Duke University
The Professional Development Center: Children with autism spectrum disorders	$0	Q5.L.C	University of North Carolina at Chapel Hill
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	$90,000	Q1.L.A	University of North Carolina at Chapel Hill
Statistical analysis of biomedical imaging data in curved space	$313,376	Q2.Other	University of North Carolina at Chapel Hill
Small-molecule compounds for treating autism spectrum disorders	$175,000	Q4.S.B	University of North Carolina at Chapel Hill
Role of UBE3A in neocortical plasticity and function	$77,686	Q4.S.B	University of North Carolina at Chapel Hill
RNA expression at human fragile X synapses	$59,217	Q2.S.D	University of North Carolina at Chapel Hill and North Carolina State University
Restricted repetitive behavior in autism	$391,678	Q1.L.B	University of North Carolina at Chapel Hill
Resilience Education for Increasing Success in Postsecondary Education	$67,250	Q6.Other	3-C Institute for Social Development
Regulation of spine morphogenesis by NrCAM	$213,120	Q2.Other	University of North Carolina at Chapel Hill
Preparing SLPs, OTs, early childhood special educators, and developmental psychologists for leadership roles in teaching, research, and service focused on young children with autism and their families	$0	Q7.K	University of North Carolina at Chapel Hill
Preparing early childhood special educators, occupational therapists, and speech-language pathologists for working with young children with autism and their families	$0	Q5.Other	University of North Carolina at Chapel Hill
Preparing and supporting personnel in Western North Carolina to teach students with severe disabilities	$0	Q5.L.C	Western Carolina University
PRECURSORS TO THE DEVELOPMENT OF ANXIETY DISORDERS IN YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER	$589,750	Q2.S.E	Duke University
PRECURSORS TO THE DEVELOPMENT OF ANXIETY DISORDERS IN YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER	$173,826	Q2.S.E	Duke University
PRECURSORS TO THE DEVELOPMENT OF ANXIETY DISORDERS IN YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER	$515,246	Q2.S.E	University of North Carolina at Chapel Hill

Project Title	Funding	Strategic Plan Objective	Institution
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	$0	Q4.S.B	University of North Carolina at Chapel Hill
Post-doctoral training in special education research	$0	Q7.K	University of North Carolina at Chapel Hill
Personnel preparation program in low incidence severe disabilities	$241,478	Q5.L.C	University Of North Carolina At Charlotte
Neuronal basis of vicarious reinforcement dysfunction in autism spectrum disorder	$297,527	Q2.Other	Duke University
Neural circuits that regulate social motivation in autism	$150,542	Q2.Other	University of North Carolina at Chapel Hill
Modeling Pitt-Hopkins Syndrome, an Autism Spectrum Disorder, in Transgenic Mice Harboring a Pathogenic Dominant Negative Mutation in TCF4	$0	Q2.S.D	University of North Carolina, Chapel Hill
Interdisciplinary Leadership in Autism Spectrum Disorders: Optimizing Research-Practice Partnerships for Evidence-based Outcomes	$249,888	Q5.Other	University of North Carolina, Chapel HIll
Improving speech-language pathology services to dhildren with severe disabilities through preprofessional and professional training	$0	Q5.Other	Western Carolina University
Improving Social-Communication and Engagement of Elementary Students with Autism Spectrum Disorders	$20,000	Q4.L.D	University of North Carolina at Chapel Hill
Genome-wide identification of variants affecting early human brain development	$590,292	Q2.S.G	University of North Carolina at Chapel Hill
Functional study of synaptic scaffold protein SHANK3 and autism mouse model	$0	Q4.S.B	Duke University
Functional and anatomical recovery of synaptic deficits in a mouse model of Angelman Syndrome	$58,000	Q2.S.D	University of North Carolina at Chapel Hill
Engagement of Social Cognitive Networks during Game Play in Autism	$0	Q2.Other	Duke University
Efficacy of the home TEACCHing program for toddlers with autism	$299,975	Q4.L.D	University of North Carolina at Chapel Hill
Efficacy of a parent-mediated intervention for one-year-olds at risk for autism	$0	Q4.L.D	University of North Carolina at Chapel Hill
Effects of oxytocin receptor agonists in mouse models of autism spectrum disorder phenotypes	$50,600	Q4.S.B	University of North Carolina at Chapel Hill
Effect of paternal age on mutational burden and behavior in mice	$177,600	Q2.Other	University of North Carolina at Chapel Hill
East Carolina University Pathways	$0	Q5.Other	East Carolina University
Early intervention professional development: Evidenced-based practices and program quality	$200,000	Q5.L.A	University of North Carolina at Chapel Hill

Project Title	Funding	Strategic Plan Objective	Institution
Dynamic E-Learning to Improve Postsecondary Transition Outcomes for Secondary Students with High Functioning Autism	$150,000	Q4.L.D	3-C Institute for Social Development
Dissecting Reciprocal CNVs Associated With Autism	$0	Q2.Other	Duke University
Correcting excitatory-inhibitory imbalance in autism	$112,500	Q2.Other	University of North Carolina at Chapel Hill
Characterization of synaptic and neural circuitry dysfunction underlying ASD-like behaviors using a novel genetic mouse model	$0	Q4.S.B	Duke University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	$1,050,000	Q3.L.D	University of North Carolina at Chapel Hill
Center on Secondary Education for Students with Autism Spectrum Disorders (CSESA)	$2,033,801	Q4.L.D	University of North Carolina at Chapel Hill
Brain Imaging Markers of Response to Intervention in Toddlers with Autism	$142,893	Q4.S.F	University of North Carolina at Chapel Hill
Birth to Kindergarten Professional Preparation: Inclusive Services for Children with Autism Spectrum Disorders	$299,910	Q7.K	University of North Carolina at Greensboro
Bi-directional regulation of Ube3a stability by cyclic AMP-dependent kinase	$60,000	Q2.S.D	University of North Carolina at Chapel Hill
Behavioral and neural correlates of reward motivation in children with autism spectrum disorders	$0	Q2.Other	University of North Carolina at Chapel Hill
Autism in older adults: A pilot, descriptive study	$71,040	Q6.S.A	University of North Carolina at Chapel Hill
Autism and Developmental Disabilities Monitoring (ADDM) network - North Carolina	$408,000	Q7.I	University of North Carolina at Chapel Hill
ASD in Mid-Adulthood: A 40 Year Follow-Up of Individuals Served by the TEACCH Autism Program	$149,995	Q6.L.B	University of North Carolina
Animal model of genetics and social behavior in autism spectrum disorders	$658,361	Q2.S.G	Duke University
Analysis of Shank3 complete and temporal and spatial specific knockout mice	$408,192	Q2.Other	Duke University
A longitudinal MRI study of brain development in fragile X syndrome	$549,582	Q2.S.D	University of North Carolina at Chapel Hill
Advancing Social-Communication and Play (ASAP): An intervention program for preschoolers with autism	$886,550	Q4.S.D	University of North Carolina at Chapel Hill
A computer-based social intervention for students with high functioning ASD: Using technology to improve special education	$0	Q4.L.D	3-C Institute for Social Development
ACE Network: Study of Oxytocin in Autism to Improve Reciprocal Social Behaviors (SOARS-B)	$2,435,695	Q4.L.A	University of North Carolina at Chapel Hill
ACE Network: A longitudinal MRI study of infants at risk for autism	$2,391,469	Q2.L.A	University of North Carolina at Chapel Hill

Project Title	Funding	Strategic Plan Objective	Institution
(SDAS) Adequate Health Insurance for Children with Autism: Evidence and Implications for Defining Essential Benefits	$99,496	Q5.Other	University of North Carolina at Chapel Hill